

Online Course Catalogue

<u>Course Title</u>	<u>Study Field</u>	<u>University</u>
Climate change: science, society, politics	Social Sciences, journalism and information	Eötvös Loránd University

CHARM priority field	Faculty	Number of credit points:
Sustainability and Climate Change;	Faculty of Science	5
Course code	Department	Name of instructor(s):
climatesspl20gx	Department of Social and Economic Geography	Ferenc Jankó
	Study Level:	
	BA/BSc	

Short description of the course

The course aims to give an overview of the research in social and economic sciences as well as science studies addressing the topic of climate change, to present those approaches and problem understandings, which help to grasp and identify climate change as a social issue. The course has a specific aim to create a multi- and interdisciplinary atmosphere, which serves the analysis of climate change from different aspects that could be fruitful for students with different scientific backgrounds including geography, sociology, anthropology, human ecology, economics, international relations, and also the related physical sciences.

Full description of the course

Aim of course: Climate change has become a dominant environmental topic in the last two decades. Relatedly, our ideas have remarkably changed on the environment, environmental protection, and policy. What is more, re-thinking the workings of science got new impetus, not to mention the several issues in society and economics. The course aims to give an overview of the research in social and economic sciences as well as science studies addressing the topic of climate change, to present those approaches and problem understandings, which help to grasp and identify climate change as a social issue. The course has a specific aim to create a multi- and interdisciplinary atmosphere, which serves the analysis of climate change from different aspects that could be fruitful for students with different scientific backgrounds including geography, sociology, anthropology, human ecology, economics, international relations, and also the related physical sciences. Course topics: 1. Introduction. The approach of the course 2. The concept of climate and the social history of climate change 3. A global science history of climate change 4. Science history of climate change in Hungary 5. The performance of climate science 6. Perception of climate change and weather 7. Climate change discourses in science, society and politics 8. Climate change debates, climate skeptics 9. Climate change communication 10. The economics of climate change. Climate change and development 11. Mitigation policy 12. Adaptation policy 13.

Climate engineering, climate futures. Literature: Castree, N. 2014. Making sense of nature. Representation, politics and democracy. Routledge, NY Dryzek, J. 1997. The politics of the earth: environmental discourses. Oxford University Press, Oxford Hulme, M. 2009. Why we disagree about climate change. Understanding controversy, inaction and opportunity. – Cambridge University Press, New York 392 p. Hulme, M. 2016. Weathered. Cultures of Climate. Kings College London, London Hulme, M. ed. 2020. Contemporary Climate Change Debates. A Student Primer. Routledge Pielke Jr., R.A. 2010. The Climate Fix. What Scientists and Politicians Won't Tell You About Global Warming. Basic Books, New York Weart, S. R. 2008. The discovery of global warming. – Second Edition. Harvard University Press (Online version: <http://www.aip.org/history/climate/index.html>). Grading: Based on e-learning assignments at <https://canvas.elte.hu/courses/39342> The assignments also serve the goal of increasing interactivity, to foster discussions beyond grading. The topics are: 1. Environmental paradigm scale, 2. Climate memory 3. The icons of climate history 4. Hungarian climate stories 5. IPCC 6. Polar bear 7. News media 8. Climate skeptics 9. Meme 10. Billboard 11. Policy measures 12. Quiz

Learning outcomes

At the end of the course, the learner will be able to articulate social aspects and problems of climate change, to discuss related questions from different viewpoints, to consider and to make proposals on climate change communication and adaptation.

Additional information

Course requirements

Not relevant

Time zone

CET (Spain, France, Germany, Netherlands, Hungary, Norway)

Language of instruction

English

Mode of delivery:

hybrid (students of the CHARM partners join online, local students on campus)

Start date of course:

2024-09-09 00:00:00

Planned educational activities and teaching methods

Lectures, e-learning activities that help discussions and disputes in the classes, group work.

End date of course:

12/13/2024

Contact hours per week for the student:

2

Learning Management System

Teams and Canvas

Specific regular weekly teaching day/time

Monday-Tuesday

forenoon/afternoon (to be specified later)

Assessment methods

assignment

Certification

Transcript of records

Course literature (compulsory or recommended):
Castree, N. 2014. **Making sense of nature. Representation, politics and democracy.** Routledge, NY
Dryzek, J. 1997. **The politics of the earth: environmental discourses.** Oxford University Press, Oxford
Hulme, M. 2009. **Why we disagree about climate change. Understanding controversy, inaction and opportunity.** – Cambridge University Press, New York 392 p.
Hulme, M. 2016. **Weathered. Cultures of Climate.** Kings College London, London
Hulme, M. ed. 2020. **Contemporary Climate Change Debates. A Student Primer.** Routledge
Pielke Jr., R.A. 2010. **The Climate Fix. What Scientists and Politicians Won't Tell You About Global Warming.** Basic Books, New York
Weart, S. R. 2008. **The discovery of global warming. – Second Edition.** Harvard University Press (Online version: <http://www.aip.org/history/climate/index.html>).

Number of places available for CHARM students
10-15

Other relevant information

The course is open for various interested students both from physical and social sciences, both for undergraduate and graduate (BSc/MSc) level. The Hungarian equivalent of this class was awarded at ELTE course e-learning development tender.

CHARM-EU